## PATENT NUMBER and ISSUE DATE

## U.S. UTILITY Patent Application

| APPL NUM<br>10039597                  | 12/31/2001       | CLASS<br>711 | SUBCLASS<br>128  | 9AU<br>2185 | 1     | EXAMINER LA                      |          |
|---------------------------------------|------------------|--------------|------------------|-------------|-------|----------------------------------|----------|
| "APPLICANT                            | S: David H       | loward;      |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
| *CONTINUIN                            | G DATA VERIFIED  | D:           |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       | •                                |          |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
| " FOREIGN A                           | PPLICATIONS VE   | RIFIED:      |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |
| PG-PUB DO N                           | NOT PUBLISH 🗖    |              | RESCIN           | ND 🔲        | •     |                                  |          |
| oreign priority cla<br>SUSC 119 condi | imed             |              | s ⊐ no<br>s ⊐ no |             | ATT   | DRNEY DOCKET NO                  |          |
| erified and Ackno                     | 0.P13871         |              |                  |             |       |                                  |          |
| TTLE : Distribu                       | ıted memory modu | le cache     | tag lock-up      |             | U.S.D | EPT. OF COMM/PAT & TM-PTO-435L(F | Rev 12-2 |
|                                       |                  |              |                  |             |       |                                  |          |
|                                       |                  |              |                  |             |       |                                  |          |

| Verified and | conditions met<br>Acknowledged Examine | □ yes □ no<br>ers's intials   | 42390.P1387          |                   | :                 |  |  |
|--------------|--|---|----------------------|-------------------|-------------------|--|--|
| TITLE : Di   | stributed memory n                     | nodule cache tag lock-up  | U.S.DEPT, OF COM     | M./PAT & TM-PTO-4 | 35L(Rev 12-24)    |  |  |
| ICE OF ALLO  | WANCE MAILED                           |   | CLAIMS ALLOWED       |                   | ED                |  |  |
|              |  | Assistant Examiner  | Total Claims Pri     |                   | nt Claim for<br>G |  |  |
| ISSUE FEE    |  |   | DRAWING              |                   |                   |  |  |
| unt Due      | Date Paid                              |   | Sheets Drwg.         | Figs.Drwg.        | Print Fig.        |  |  |
|              |  | Primary Examiner  |                      |                   |                   |  |  |
| TERMINAL     |  | PREPARED FOR ISSUE  | Application Examiner |                   |                   |  |  |
|              | DISCLAMER                              | WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368, Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |                      |                   |                   |  |  |

| DISK | (CRF |
|------|------|
|------|------|